

AMENDMENTS

Please amend the application as follows:

In the Claims:

Cancel claims 1-7, 10-17, 20-26, and 29-42 without prejudice or disclaimer.

Please substitute the following clean copy text for the pending claims of the same number.

8. (Once Amended) A system for optical projection of a complete image, using a lightvalve, said system comprising:

a lenticular array composed of lenticules positioned onto said lightvalve, wherein said lenticules are spherical in shape; and

a filter placed about a projection lens, said filter aligned with the pixels of said lenticular array, said filter depending upon the shape of said lenticules in said lenticular array and composed of a first, second, third and fourth segments, said first segment carrying Blue signals, said second segment carrying Red signals, said third segment carrying Green signals, and said fourth segment carrying one of Red, Green or Blue signals, said segments aligned to match the pattern of pixels of said lenticular array, wherein said filter and projection lens are arranged such that color components separately output by said filter for one of said pixels are combined and focused onto a location and wherein pixels of said system are caused to be square in shape by the shape of said lenticules.

9. (Once Amended) A system for optical projection of a complete image, using a lightvalve, said system comprising:

- a lenticular array composed of lenticules positioned onto said lightvalve, wherein said lenticules are spherical in shape; and
- a filter placed about a projection lens, said filter aligned with the pixels of said lenticular array, said filter depending upon the shape of said lenticules in said lenticular array and composed of a first, second, third and fourth segments, said first segment carrying Blue signals, said second segment carrying Red signals, said third segment carrying Green signals, and said fourth segment carrying colorless White signals, said segments aligned to match the pattern of pixels of said lenticular array, wherein said filter and projection lens are arranged such that color components separately output by said filter for one of said pixels are combined and focused onto a location and wherein pixels of said system are caused to be square in shape by the shape of said lenticules.

18. (Once Amended) A system for optical projection of a complete image, using a first and second lightvalves, said system comprising:

a lenticular array composed of lenticules positioned to receive light from said first and second lightvalves, wherein said lenticules are spherical in shape; and

a filter placed about a projection lens, said filter aligned with the pixels of said lenticular array and composed of a first, second, third and fourth segments, said first segment carrying Blue signals, said second segment carrying Red signals, said third segment carrying Green signals, and said fourth segment carrying one of Red, Green or Blue signals, said segments aligned to match the pattern of pixels of said lenticular array, wherein said system functions to separate chrominance and luminance components of said complete image into separate images and wherein pixels of said system are caused to be square in shape by the shape of said lenticules.

19. (Once Amended) A system for optical projection of a complete image, using a first and second lightvalves, said system comprising:

a lenticular array composed of lenticules positioned to receive light from said first and second lightvalves, wherein said lenticules are spherical in shape; and

a filter placed about a projection lens, said filter aligned with the pixels of said lenticular array and composed of a first, second, third and fourth segments, said first segment carrying Blue signals, said second segment carrying Red signals, said third segment carrying Green signals, and said fourth segment carrying colorless White signals, said segments aligned to match the pattern of pixels of said lenticular array, wherein said system functions to separate chrominance and luminance components of said complete image into separate images and wherein pixels of said system are caused to be square in shape by the shape of said lenticules.

27. (Once Amended) A system for optical projection of a complete image, using a first and second lightvalves, said system comprising:

a lenticular array composed of lenticules positioned to receive light from said first and second lightvalves, wherein said lenticules are spherical in shape; and

a filter placed about a relay lens, said filter aligned with the pixels of said lenticular array and composed of a first, second, third and fourth segments, said first segment carrying Blue signals, said second segment carrying Red signals, said third segment carrying Green signals, and said fourth segment carrying one of Red, Green or Blue signals, said segments aligned to match the pattern of pixels of said lenticular array, wherein said system functions to process chrominance and luminance components of said complete image into separate images and wherein pixels of said system are caused to be square in shape by the shape of said lenticules.

28. (Once Amended) A system for optical projection of a complete image, using a first and second lightvalves, said system comprising:

a lenticular array composed of lenticules positioned to receive light from said first and second lightvalves, wherein said lenticules are spherical in shape; and

a filter placed about a relay lens, said filter aligned with the pixels of said lenticular array and composed of a first, second, third and fourth segments, said first segment carrying Blue signals, said second segment carrying Red signals, said third segment carrying Green signals, and said fourth segment carrying colorless White signals, said segments aligned to match the pattern of pixels of said lenticular array, wherein said system functions to process chrominance and luminance components of said complete image into separate images and wherein pixels of said system are caused to be square in shape by the shape of said lenticules.

REMARKS

This is a full and timely response to the non-final Office Action of May 2, 2003. Reexamination, reconsideration, and allowance of the application and all presently pending claims are respectfully requested.

Upon entry of this Second Response, claims 8, 9, 18, 19, 27, and 28 remain pending in this application and have been directly amended herein. Claims 1-7, 10-17, 20-26, and 29-42 are cancelled without prejudice or disclaimer. It is believed that the foregoing amendments add no new matter to the present application.

The cancellation of claims 1-7, 10-17, 20-26, and 29-42 serves to reduce the number of disputed issues and to facilitate early allowance and issuance of other claims in the present application. Applicants reserve the right to pursue the subject matter of canceled claims 1-7, 10-